CLAIMS:

1.-20. (cancelled).

21.    (new) A method for controlling of several temporally and spatially interlocking

manufacturing processes on the basis of performance descriptions which are updateable,

wherein the control of the manufacturing processes can be continued over an arbitrary

number of performance phases, the method comprising the steps of:

using a data processing system equipped with at least one storage unit and associated

input and output units, in which the performance descriptions are deposited in at least one

data bank;

depositing the performance descriptions in a data format in which data is organized data

set by data set according to performance items (PV);

on the basis of this data format, representing and processing the performance descriptions

in various input and output formats in the input and output units, wherein the representing

and processing comprises formulating the updateable performance descriptions a second

time; and

depositing the updateable performance descriptions that are formulated a second time in

at least one additional data bank in a standardized data format in which data is organized

data set by data set according to performance units (LE, 1 to n), wherein each

performance unit (LE) comprises at least one data bank reference (such as works, time,

place and resource, and production) that is in a specific interrelationship with the data

banks in the data format by performance unit (LE) so that the data of the performance

items (LV) are subdivisible into subsets of an arbitrary number of performance units (LE)

and so that the data of the performance items (LV) are completely coordinated with said

performance units (LE) and bidirectionally linked with the same, wherein the number of

performance units (LE) are variable according to the progress of the performance phases

with retention of the links with the data of the performance items (LV), and wherein the

performance descriptions (LB) are processable and representable on the basis of the data

format by performance units (LE) in the various input and output formats of the input and

output units of the data processing system (DVA).

22.     (new)  The method of claim 1 further comprising hierarchically grouping an

arbitrarily variable number of performance units (LE), wherein the data of the

performance items (LV) of an altered number of performance units (LE) are completely

coordinated and linked to the latter bidirectionally.

23.     (new) The method of claim 1 wherein the content and scope of the performance

units (LE) is arbitrarily variable, and wherein the data of the performance items (LV) is

completely coordinated with the altered performance units (LE) and bidirectionally

linked to them.

24.     (new)  The method of claim 1 wherein the content, scope and subdivision of the

data of the performance items (LV) is variable in partial performance units (TLE), and

wherein the altered data of the performance items (LV) is completely coordinated with

the existing performance units (LE) and bidirectionally linked to them.

25.     (new) The method of claim 1 wherein according to the performance phases, the performance units (LE) are divisible into subordinate planes in partial performance units (TLE), and wherein the data of the partial performance units (TLE) is completely coordinated with the performance units (LE) of the superordinate plane and bidirectionally linked to them.

26.     (new) The method of claim 24, wherein the content and scope of the partial performance units (TLE) is arbitrarily variable while retaining the links with the data of the superordinate performance units (LE).

27.     (new) The method of claim 24 wherein the partial performance units (TLE) are modifiable according to performance phases in their data bank reference (such as works, time, place and resource reference).

28.     (new) The method of claim 24 wherein the partial performance units (TLE) is adopted in an output format (AF) in the form of a pre-protocol (VP), and wherein the output format (AF) is imageable in an output medium (AM).

29.     (new) The method of claim 28 wherein the partial performance units (TLE) of the pre-protocol (VP) are defined as reference quantities in the form of a target status.

30.     (new) The method of claim 29 wherein the partial performance units (TLE) defined as reference quantities in the form of target status are taken over in an output format (AF) in the form of a protocol, and the latter is imageable in the output medium (AM).

31.     (new) The method of claim 29, wherein the partial performance units (TLE) defined as reference quantities in the form of target status are taken over in an output format (AF) in the form of daily reports (TM) and the latter are imageable in the output medium (AM).

32.     (new) The method of claim 31 wherein the daily reports (TM) are supplemented within the input unit (E) with data of the reported performances.

33.     (new) The method of claim 29 wherein the partial performance units (TLE) defined as reference quantities in form of target status are analytically comparable to the data of the reported performances in the data banks (DB) and the results are documentable by way of the output medium (AM).

34.     (new) The method of claim 29 wherein the reference quantities defining the partial performance units (TLE) in form of target status are taken over with the data of the reported performances in an output format (AF) in the form of a control list (KL) and the latter is imageable in the output medium (AM).

35.     (new) The method of claim 34 wherein the control list (KL) is supplemented within the input unit (E) with data defined as actual status of the actual performances.

36.     (new) The method of claims 34 wherein control of the performances of the executant takes place analytically by means of the target and actual status of the partial performance units (TLE) in the control lists (KL) in the data banks (DB), and wherein the results are documentable by means of the output medium (AM).

37.     (new)  The method of claim 36 wherein the results of the controlling of the target and actual status of the partial performance units (TLE) of the daily reports are compared with those of the control lists (KL), and wherein the results are documentable by way of the output medium (AM).

38.     (new) The method of claim 37 wherein by way of a data feedback (DRB) from the target and actual status of the partial performance units (TLE) to the items of the contractual performances with their prices, the state of fulfillment of the contractual performances and the chargeable costs in each performance phase are determined and documented by way of the output medium (AM).

39.     (new) The method of claim 38, wherein the accountings for fulfilled contractual performances of the executants are detected as costs through the input unit (E), and compared in data feedback (DRB) with the costs to be settled, and the results are documentable by way of the output medium (AM).

40.     (new) The method of claim 21 wherein the results in the data banks (DB) bear a defined relationship to pre-formulated measures, and the latter are represented on the output medium (AM) in transaction-corresponding form.